

Clear-Seal 100%

Single-Part Urethane

TECHNICAL DATA SHEET

100% Urethane Water Repellent



Rainguard® Clear-Seal 100% Single-Part

Description	U/M	Code
Clear-Seal 100% Single-Part Urethane High Gloss	1 Gallon	CU-0302
Clear-Seal 100% Single-Part Urethane High Gloss	5 Gallon	CU-0303
Clear-Seal 100% Single-Part Urethane Low Gloss	1 Gallon	CU-0308
Clear-Seal 100% Single-Part Urethane Low Gloss	5 Gallon	CU-0309

Description

Clear-Seal 100% Single-Part Urethane is a clear, single component, water based, urethane, VOC compliant sealer and glaze. It is a very hard urethane that offers better gloss, UV resistance, stain resistance and is available in an anti-slip finish. The water base allows the material to penetrate and adhere to concrete, porous brick & unglazed tile and most types of decorative acrylic cement coatings.

CSI Codes

0090000 Finishes
0099723 Concrete & Masonry
0099313 Exterior Finishing

Coverage

The coverage will vary depending on the surface. Product will cover up to 400 square feet per gallon on a smooth surface and between 300-350 square feet per gallon on a rough/porous surface. Test product over small area of the substrate to determine coverage and whether a 2nd coat is needed.

Features

- UV Resistant
- SCAQMD VOC Compliant
- High Gloss
- Excellent Adhesion
- Great Chemical Resistance
- Anti-Slip Finish available

Recommended Uses

- EFIS or cement plaster
- Primer for stucco
- Sealer for stucco
- An excellent primer for paint applications

Application

All surfaces to be coated should be clean of any dirt and grime, efflorescence, lime run, form oils and release agents, grease, mud, excess mortar, and mold and mildew, etc. All cracks should be pointed or caulked. All voids, bee holes, masonry surface defects and openings, such as conduits, pipes, drains, door frames, vents, air conditioner openings, electrical openings, control joints, or any dissimilar materials should be repaired using urethane or other approved patching. If an acid etch or an acid stain has been applied to the surface, it must be thoroughly flushed to remove all residue and then allowed to dry completely. Allow new concrete to cure at least 14 days before application of Clear-Seal 100% Single-Part Urethane.

Drying Time

Allow 3 hours before light foot traffic or recoating. Normal foot traffic may be permitted after 24 hours. Allow 48 hours prior to vehicle traffic. Allow 48 hours before placing heavy objects on the surface.

Clean Up

Uncured material can be removed with water. All empty containers must be disposed of according to local, state, and federal regulations.

Inspection

Surface must be clean, dry, and free of grease, paint, oil, dust, curing agents, or any foreign material that will prevent proper adhesion. The surface should be porous and be able to absorb water. Relative humidity in the surface should be below 80% (per ASTM F-2170). All moisture should be kept away a minimum of 48 hours before application and a min. of 48 hours after installation. This includes sprinklers, rain, fog, dew, etc.

Warranty

Rainguard International guarantees that this product is free from manufacturing defects and complies with our published specifications. In the event that the buyer proves that the goods received do not conform to these specifications or were defectively manufactured, the buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the defective material at the option of the seller. Rainguard makes no other warranty, expressed or implied, and all warranties of merchantability and fitness for a particular purpose are hereby disclaimed. Manufacturer or seller shall not be liable for prospective profits or consequential damages resulting from the use of this product. Manufacturer shall not be liable for material used outside of its shelf life. For product dating, please refer to the batch number on the product or contact Rainguard.

Limitations

- Do not apply in temperatures below 50°F or above 90°F.
- Do not apply on damp or moist surface as it will whiten and may cause delamination.
- Do not allow any Rainguard products to freeze.
- Prior to coating previously sealed surfaces, test a small area for adhesion.
- Rainguard recommends the use of angular slip resistant aggregate in all coatings or flooring systems that may be exposed to wet, oily or greasy conditions. It is the contractor and end users' responsibility to provide a flooring system that meets current safety standards.
- OK for use as an Industrial Maintenance Coating, Concrete Masonry Sealer, or Floor Coating, anywhere in the United States, including the South Coast Air Quality Management District (SCAQMD).
- Please become familiar with local Air Quality laws and regulations prior to applying this coating. Rainguard bears no responsibility for improper usage.

Test Panel

Always apply material to a mock wall or test panel. Test wall or actual surface area to determine acceptable color, surface porosity, application rates and methods before starting general application. It is the duty of the applicator to do a test area to determine the surface is prepared for general application of this coating. This adhesion test can be done by applying a sample in an inconspicuous area. Allow the sample to dry and cure. Then cut the coating in a grid pattern with vertical and horizontal lines cut into the film. Then place tape over the cut grid lines and wait several minutes. Pull the tape up, if any material delaminates, the surface is not properly prepared for general application. If the sample is not altered after removing the tape, the surface is sufficiently prepared for general application.

Precautions

Rainguard recommends the use of slip-resistant aggregate in all coating or flooring systems that may be exposed to wet, oily or greasy conditions. These aggregates can be incorporated into the materials using different methods to achieve varying profiles and degrees of slip-resistance. However, textured surfaces can be slippery under certain conditions. This type of activity on the flooring surface, maintenance procedures and type of footwear may all be factors to consider when deciding the degree of slip-resistance needed for given area. Rainguard or its sales agents will not be responsible for injury incurred in a slip and fall situation. It is the end users' responsibility to provide for their own safety and to determine the suitability of these coatings for their particular application.

Technical Data

Material Type	Water Based Urethane
Gloss Level	20 - 25 @ 60°
Flash Point	Non-Flammable
V.O.C.	<50 g/L V.O.C. Compliant
Weight	Approximately 8.5 lbs./Gal.
Color of Material	Clear to Slightly Cloudy
Odor	Slight Latex Smell
pH Value	Approximately 7.5
Viscosity	9.6 Seconds No. 4 Ford Cup
Surface Dry/Recoat	2-4 Hours
Volume Solids	50%



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